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LAN SWITCH WITH RAPID FAULT RECOVERY

ABSTRACT OF THE DISCLOSURE

5   One embodiment disclosed relates to a method of fault recovery by
a switch in a local area network. A link failure is detected at a port of the switch.
In response to the link failure detection, a MAC address table of the switch is
cleared. Clearing the address table causes a discovery process to fill the table
to begin immediately. In addition, a link on another port of the switch may be
10   dropped to propagate the link failure.